

4

DOVE.  
**SPECULUM ANNI**  
OR AN  
**ALMANACK**  
For the Year of our  
**LORD GOD**  
**1689.**

Being the first after Bissextile or Leap-year, and from the worlds Creation 5692.

Wherein is contained the principal Aspects of the Planets, Eclipses, Terms, both at London and Cambridge, Inclination of the Aire, with other things of note.

Calculated properly for the famous University and Town of Cambridge where the North Pole is elevated above the Horizon 52 degr. and 12 min

But may indifferently serve for any place within this Kingdom.

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*Non nobis solum nascimur.*

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C A M B R I D G E,  
Printed by John Hayes, Printer to the  
University, 1689.

The vulgar Notes and moveable Feasts for this  
Year 1689. in both Accounts, viz.

Julian or  
English.

Gregorian or  
Foreign.

	18	The Golden Number	18
	5	The Dominical Letter	5
	18	The Spat	8
	18	The Cycle of the Sun	18
Feb.	10	Shrove-sunday	Febr. 20
March	31	Easter-day	April 10
May	9	Ascension-day	May 19
May	19	Whitsunday	May 29
Decemb.	2	Advent-sunday	Novemb. 27

A Table of the Terms with their Returns.

Hilary Term begins Janus 23, and ends February 12, and hath 4 returns, viz.

Ostab. Hilar. Jan. 23  
Quind. Hilar. Jan. 27  
Craft. Purif. Febr. 4  
Ostab. Purif. Febr. 9

Easter Term begins April 17, ends May 23, and hath 5 returns, viz.

Quind. Pasch. Apr. 1;  
Tres Pasch. Apr. 22  
Mens. Pasch. Apr. 29  
Quinq. Pasch. May 6  
Craft. Ascen. May 10

Trinity Term begins May 31, and ends June 19, and hath 4 returns, viz.

Craft. Trin. May 2;  
Ostab. Trin June 3  
Quind. Trin. June 10  
Tres Trin. June 17

Michaelmas Term begins October 23, ends November 28, and hath 6 returns, viz.

Tres Mich. Octob. 21  
Mens. Mich. Octob. 29  
Craft. anim. Nov. 4  
Craft. Mart. Nov. 12  
Ostab. Mart. Nov. 18  
Quind. Mart. Nov. 25

The

Dece 1689.

## The Scarlet days in the University of Cambridge, are as followeth.

All Saints, Christmas, Easter, Ascension, Whitsunday, Trinity-Sunday, Commencement, and the 29 of May; At the two Fairs proclaiming in June and September, The Feast of Saint Michael, and the 5 of November, To Funerals, Clergymen and Supplications, All Doctors go as to Congregations;

Thus is their Robe.

Marriage comes in on the 13 day of January, and at Septragefma Sunday it is out again until Lowtide day, at which time it comes in again, & goes not out till Rogation-Sunday: thence it is forbidden until Trinity-Sunday: from whence it is unforbiddon till Advent-Sunday: but then it goes out, and comes not again till the 13 day of January next following.

The Names, and Characters of the 12 Signs, with the parts of mans Body whiche they are said to govern.

Y Aries head and Face      ☊ Libra Reins & Lyes  
 ☊ Taurus neck and Throat      ☊ Scorpio Secret members  
 ☊ Gemini Arms & Should.      ☊ Sagittarius the Thighs.  
 ☊ Cancer Breast & Stom.      ☊ Capricornus the Knees.  
 ☊ Leo Heart and Back      ☊ Aquarius the Legs.  
 ☊ Virgo Bowels and Belly      ☊ Pisces the Feet.

☞ Note that the bright Planet *Venus*, will be our glorious Evening Star, from the beginning of the year to the 13 day of June; and then making her Conjunction with the Sun, She becomes Oriental, and our glorious Morning Star to the end of the year.

A 2

Dove 1689.

A brief Concordance of Years with some memorable things  
since the beginning of the Reign of Queen Elizabeth.

Anno <sup>r</sup> Dom.	dn. Re.	£ s	
1558	1	131	A Parliament called.
1559	2	130	Monasteries suppressed.
1560	3	129	Wars with <i>Scots</i> and <i>French</i> .
1561	4	128	Paul's Church-steeple burnt.
1562	5	127	Tempest and Earthquake.
1563	6	126	20000 died of the Plague in London.
1564	7	125	Thames frozen.
1565	8	124	Peace with <i>France</i> .
1566	9	123	King <i>James</i> born.
1567	10	122	Royal Exchange finished.
1568	11	121	A dry Summer.
1569	12	120	Rebellion in the North.
1570	13	119	Wars with <i>Scotland</i> .
1571	14	118	Earthquake in <i>Herefordshire</i> .
1572	15	117	Massacre in <i>France</i> .
1573	16	116	Earl of <i>Essex</i> goes to <i>Ireland</i> .
1574	17	115	Counterfit Spirits punished.
1575	18	114	An Earthquake.
1576	19	113	<i>Forbisher's North Voyage</i> .
1577	20	112	Infection at <i>Oxford Assizes</i> .
1578	21	111	A great Snow.
1579	22	110	A curious Lock Smith.
1580	23	109	Great Earthquake and B'azing Scar.
1581	24	108	Three <i>Jesuits</i> executed.
1582	25	107	New Calendar began.
1583	26	106	Earthquake in <i>Dorsetshire</i> .
1584	27	105	<i>Nanwich</i> burnt.
1585	28	104	Tobacco first used in <i>England</i> .
1586	29	103	Ludgate new built.
1587	30	102	Blackwell Hall new built.

## June 1689.

1588	31	161	Spain's Armada overthrown.
1589	32	162	Duke of Guise murdered.
1590	33	99	Blaphemous Hacke charged.
1591	34	98	East-India Company began.
1592	35	97	The Theatre almost dry.
1593	36	96	1635 died of the Plague in London.
1594	37	95	Great Tempest.
1595	38	94	Scarcity of Corn.
1596	39	93	Earl of Essex takes <del>Caliz</del> in Spain.
1597	40	92	Wheat 13 bushells a Bushel.
1598	41	91	Great Tempests and Frost.
1599	42	90	Earl of Essex goes to Ireland.
1600	43	89	Embassadors from Russia and Brazil.
1601	44	88	Earl of Essex beheaded.
1602	45	87	Queen Elizabeth dieth at Richmond.
1603	1	86	King James I. begin March 24. 1603.
1604	2	85	3057 die of the Plague in London.
1605	3	84	Peace with Spain.
1606	4	83	Powder Plot.
1607	5	82	King of Denmark came to England.
1608	6	81	Moore-fields beautified.
1609	7	80	Oath of Allegiance.
1610	8	79	New Exchange in the Strand.
1611	9	78	King of France murdered.
1612	10	77	Bartholomew's Legge an Arian burnt.
1613	11	76	Lady Elizabeth married. Prince Henry died.
1614	12	75	Artillery Company revived.
1615	13	74	Middleton's Water.
1616	14	73	Smithfield paved.
1617	15	72	Charles created Prince of Wales.
1618	16	71	Robert the Breeching Preacher.
1619	17	70	Sr. Walter Raleigh decollated.
1620	18	69	Queen Anne die.
1621	19	68	King of Bohemia overthrown.
			Philip 3 K. of Spain dies, Philip 4. succ.
			Prince

Date 1689.

1622	20	67	Prince Charles goes into Spain.
1623	21	66	Black Friars downfall.
1624	22	65	The Bloody Cruelty at Amboyna.
1625	K. Char. I. beg Mar. 27. 54264. die. Pl. 35417.		
1626	3	63	War with Spain and France.
1627	3	63	Isle of Rhos Voyage.
1628	4	61	Duke of Buckingham stabb'd.
1629	5	60	New England planted.
1630	6	59	King Charles II. born.
1631	7	58	Battle at L. Tilly slain.
1632	8	57	London Bridge burnt.
1633	9	56	James II. born Octob. 14.
1634	10	55	Ship Money first Taxed.
1635	11	54	Old Parr died age 1160.
1636	12	53	Dutch take the Spanish Silver Fleet.
1637	13	52	English Liturgy sent into Scotland.
1638	14	51	The Scots National Covenant.
1639	15	50	Dutch beat the Spaniards at Dover.
1640	16	49	The long Parliament began Nov. 3.
1641	17	48	The Earl of Strafford beheaded.
1642	18	47	Edge Hill Fight.
1643	19	46	Newberry first Fight.
1644	20	45	Newberry second Fight.
1645	21	44	Arch-Bishop of Canterbury beheaded.
1646	22	43	Lord Fairfax takes Oxford.
1647	23	42	King taken by Parliament and Army.
1648	24	41	King traiterously beheaded. K. Charles the Second begins Jan. 30.
1649	1	40	Powder-blow in Tower-street.
1650	2	39	King Charles II. Crowned in Scotland.
1651	3	38	Worcester Fight. Loxe beheaded.
1652	4	37	Wars with Holland.
1653	5	36	Old and New Parliament dissolved.
1654	6	35	Peace with Holland.

Wars

## Decr 1689.

1655	7	34	W <sup>in</sup> with Sp <sup>ain</sup> .
1656	8	33	Two Tides in 1 hour. O <sup>omb</sup> . 3. M <sup>on</sup> archs taken by the Eng <sup>lis</sup> & Fr <sup>ans</sup> .
1657	9	32	Cromwell died.
1658	10	31	St George Beach & Gen. Monk for the King.
1659	11	30	King Charles II. joyfully restored.
1660	12	29	King Charles II. Crowned. April 23.
1661	13	28	King Charles II. Crowned. April 23.
1662	14	27	Married to Queen Catherine.
1663	15	26	King and Queen at W <sup>indsor</sup> .
1664	16	25	Three blazing Stars seen.
1665	17	24	97351 die of the Plague of 1686.
1666	18	23	13200 Houses burnt in London.
1667	19	22	The Dutch Hostile Treaty.
1667	19	22	E. of Clarinda banish. Mr. Coventry died.
1669	21	20	Prince of Tuscany arrived in England.
1670	22	19	Duchess of Orleans died.
1671	23	18	Dutch. of York & E. of Monmouth died.
1672	24	17	War proclaimed with Holland by Eng <sup>lis</sup> & French. Earl of Sandwich slain.
1673	25	16	Sr Edward Spragg slain at Sea.
1676	28	13	600 Houses burnt in Southampton.
1677	29	12	Prince of Orange married to the L. Mary.
1678	30	11	Sr Edmund Berry Godfrey murdered.
1680	32	9	A Great Comet.
1682	34	7	Another Comet.
1684	36	6	A great 13 weeks frost with a Fair kept upon the frozen Thame.
1685	X. James the II. began Febr. 6. The King and Queen Crowned April 23.		
	1	4	Monmouth Landed at L <sup>is</sup> le, June 1 <sup>st</sup> .
	1	4	Monmouth defeated near Bristow, Jul. 6.
	1	4	Monmouth beheaded, July 15.

January hath XXXI days.

Last quarter the 3 day, 5 min. past 1 after noon.  
 New moon the 14 day, 13 min. past 10 before noon.  
 First quarter the 18 day, 27 min. past 8 in the morn.  
 Full moon the 25 day, 13 min. past 10 before noon.

1	8	Circumcis.	23	9	Virgo	19	Fine mild
2	9	Octab. Steph.	23	10	Libra	11	weather.
3	10	Octab. John.	24	11		23	D $\cup$ .
4	11	Octab. Janoc.	25	12	Scorp.	5	$\boxtimes$ $\hbar$ $\wp$ .
5	12	Timon	26	13		17	$\square$ $\hbar$ $\wp$ .
6	13	Epiphany	27	14		29	D Apogzon.
7	14	Julian	28	15	Sagitt.	11	Cold with
8	15	Erhardus	29	16		23	frost and
9	16	Sun in Aquar.	0	17	Capr.	6	snow.
10	17	Paul Erem.	1	18		19	
11	18	Wygmann	2	19	Aquar.	3	$\triangle$ $\hbar$ $\wp$ .
12	19	Metaphysius	3	20		17	
13	20	a aft. Epiph.	4	21	Pisces	0	
14	21	Felix	5	22		14	$\square$ $\odot$ $\hbar$ .
15	22	Maurice	6	23		28	
16	23	Macellius	7	24	Aries	13	D $\cap$ .
17	24	Wanhong	8	25		27	$\wp$ $\odot$ $\wp$ .
18	25	Wolke	9	26	Taur.	11	More snow
19	26	Wonton	10	27		25	D Perigzon.
20	27	a aft. Epiph.	11	28	Gem.	9	but not very
21	28	Octab. Hilar.	12	29		23	cold towards
22	29	Vincent	13	30	Canc.	7	the end.
23	30	Terp.	14	31		20	
24	31	Timothy	15	32	Leo	4	$\boxtimes$ $\hbar$ $\wp$ .
25	1	Conv. S. Paul	16	33		17	
26	2	Palycarpus	17	34	Virg.	0	
27	3	Septuag. 182	18	35		13	$\wp$ $\wp$ $\wp$ .
28	4	Quind. Hilar.	19	36		24	$\square$ $\delta$ $\wp$ .
29	5	Carolus	20	37	Libra	7	D $\cup$ .
30	6	W. Ch. 1. Mart.	21	38		19	
31	7	Virgilius	22	39	Scorp.	1	D Apogzon.

We suffer day continual, and the snow  
Makes a little night become noon day now.  
We hear of some incyptial'd, such as have  
That procur'd their death become their grave.

## January 1689.

Sun-setting.

1	8	3	16
2	8	3	57
3	8	2	58
4	8	0	0
5	7	52	1
6	7	58	2
7	7	57	3
8	7	55	5
9	7	54	6
10	7	52	8
11	7	51	9
12	7	50	10
13	7	48	4
14	7	47	4
15	7	46	4
16	7	45	4
17	7	44	4
18	7	42	4
19	7	40	4
20	7	38	4
21	7	36	4
22	7	34	4
23	7	32	4
24	7	30	4
25	7	28	4
26	7	26	4
27	7	24	4
28	7	22	4
29	7	20	4
30	7	18	4
31	7	16	4

Cambridge Term begins the 14<sup>th</sup> day.

February hath xxviii da.

Last quarter the 2 day, at 11 beforenoon.

New moon the 9 day, 22 min. past 11 at night.

First quarter the 16 day, 42 min. past 3 afternoon.

Full moon the 24 day, 13 min. past 2 in the morn.

$\Sigma$	$\Sigma$	Festival days wch terms.	○ place d. m.	Moons place.	Inclination of the Air.
1	b	St. Brigid's fast	24 39	Scorp. 13	
		Purification	24 40	25	
2	e	Sexagesima	25 40	Sagitt. 7	High winds
3	d	Craft. Purif.	26 41	19	but mild for
4	g	St. Agatha	27 42	Capr. 1	the season.
5	a	K. James's day	28 42	14	
6	b	St. Zachary	29 42	27	○ ○ ♀.
7	c	Sun in Pisces	○ 43	Aquar. 11	
8	d	St. Fab. Purif.	1 43	25	Very uncer-
9	e	Shrove-tuseday	2 44	Pisces 9	tain weather.
10	f	St. Valentine	3 44	24	△ h ♀.
11	g	St. Blasius	4 44	Aries 8	
12	a	Term ends	4 44	23	○ n.
13	b	Ash wednesd.	5 45	7	△ ○ h.
14	c	St. Valentine	6 45	Taur. 22	
15	d	St. Blasius	7 45	Gem. 6	○ Perigzon.
16	e	St. Juliana	8 45	19	Cold and
17	f	Quadragesimal.	9 45	Canc. 3	slabby.
18	g	Concordia	10 46	Leo 17	
19	a	St. Sabine	11 45	13	* ○ δ.
20	b	Ember week	12 46	Virgo 9	
21	c	St. Stas	13 45	26	Frosty with
22	d	Cathedr. Pet.	14 46	Libr. 3	snow.
23	e	St. Berninus fast	15 46	15	○ u.
24	f	St. Matthias	16 46	27	
25	g	St. Eustoz	17 46	Scorp. 9	○ Apogzon.
26	a	St. Eustoz	18 46		
27	b	Fortuna	19 45		
28	c	St. Bacar.	20 45		

Now toward us Star's Charter's driving,  
 Whose warmer rays cause by reflection  
 Things which seem'd dead to be reviving  
 Renegade plants bring to direction.

February 1689.

1	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
2	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
3	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
4	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
5	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
6	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18
7	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21
8	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24
9	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27
10	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
11	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33
12	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36
13	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39
14	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42
15	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45
16	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48
17	51	51	51	51	51	51	51	51	51	51	51	51	51	51	51
18	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54
19	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57
20	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60
21	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63
22	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66
23	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69
24	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72
25	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75
26	78	78	78	78	78	78	78	78	78	78	78	78	78	78	78
27	81	81	81	81	81	81	81	81	81	81	81	81	81	81	81
28	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84

Commencement for Battalions  
 in Arms the 14 day.

March hath xxxi days.

Last quarter the 4 day, 9 min. past 10 in the morn.

New moon the 11 day, 58 min. past 9 before noon.

First quarter the 19 day, 18 min. past 12 in the morn.

Full moon the 25 day, 5 min. past 6 at night.

1	b	David Bish.	21	45	Scorp.	21	
2	c	Chad Bish.	22	45	Sagit.	3	♂ b ♀.
3	f	sun. in Lent	23	45		15	Windy with
4	g	Wessex	24	44		27	cold rain or
5	a	Twelthous	25	44	Capr.		snow.
6	b	Frederick	26	43		22	
7	c	Felicitas	27	43	Aquar.	5	
8	d	Cyprian	28	42		19	
9	e	Prudent.	29	42	Pisc.	3	Boisterous
10		Midlent Sun.	0	41		18	weather.
11	g	Cuthbert	1	41	Aries	3	♂ ♂.
12	a	Gregory	2	40		17	
13	b	Ernestus	3	40	Taur.	2	
14	c	Eutychius	4	39		17	♂ Perigzon.
15	d	Longinus	5	38	Gem.	2	Cold gloomy
16	e	Boniface	6	37		16	weather.
17	f	sun. in Lent	7	36	Canc.	0	□ ♀ ♀.
18	g	Gabriel	8	35		14	
19	a	Joseph	9	35		27	
20	b	Rupert	10	34	Leo	1	Tempestuous
21	c	Benedict	11	33		23	but mild.
22	d	Paulinus	12	32	Virgo	5	□ ♂ . ♂ ♂ .
23	e	Theodore fast	13	31		18	
24	f	Palm Sunday	14	30	Libra	0	♂ ♂.
25	g	Lady day	15	29		12	
26	a	Castulus	16	27		24	
27	b	Berthold	17	25	Scorp.	6	* ♂ ♀.
28	c	Gideon	18	25		18	♂ Apogzon.
29	d	Good Friday	19	24		29	
30	e	Guido fast	20	23	Sagit.	11	
31	f	Easter day	21	22		23	* ♀ ♀.

The great and brightest Torch of Heaven,  
 Now with his rays warms *Flora's* lap:  
 Making the days and nights both even  
 Cheering the plants with fresher sap.

*Sun-setting.*

1	6	11	16	21	26	31
2	7	12	17	22	27	
3	8	13	18	23	28	
4	9	14	19	24	29	
5	10	15	20	25	30	
6	11	16	21	26	31	
7	12	17	22	27		
8	13	18	23			
9	14	19				
10	15	20				
11	16	21				
12	17	22				
13	18	23				
14	19	24				
15	20	25				
16	21	26				
17	22	27				
18	23	28				
19	24	29				
20	25	30				
21	26	31				
22	27	32				
23	28	33				
24	29	34				
25	30	35				
26	27	32				
27	28	33				
28	29	34				
29	30	35				
30	31	36				
31	32	37				

March 1689.

The latter *At* the 14 day.

*Cambridge Term ends the 21 day.*

1	6	11	16	21	26	31
2	7	12	17	22	27	
3	8	13	18	23	28	
4	9	14	19	24	29	
5	10	15	20	25	30	
6	11	16	21	26	31	
7	12	17	22	27		
8	13	18	23			
9	14	19				
10	15	20				
11	16	21				
12	17	22				
13	18	23				
14	19	24				
15	20	25				
16	21	26				
17	22	27				
18	23	28				
19	24	29				
20	25	30				
21	26	31				
22	27	32				
23	28	33				
24	29	34				
25	30	35				
26	27	32				
27	28	33				
28	29	34				
29	30	35				
30	31	36				
31	32	37				

April hath xxx days.

Last quarter the 2 day, 31 min. past 9 at night.  
 New moon the 9 day, 33 min. past 6 at night.  
 First quarter the 16 day, 43 min. past 10 before noon.  
 Full moon the 24 day, 1 min. past 11 before noon.

1	g Conv. 20. 20. 22	30	Capr.	6	
2	a Mary Egypt 23	18		18	Fine mild
3	b Christian 24	17	Aquar.	1	weather.
4	c Ambrose 25	15		14	* ⊖ ♀.
5	d Vincent 26	14		23	
6	e Pius 27	13	Pisces	11	
7	f Low Sunday 28	11		26	
8	g Dionysius	9	Aries	11	♂ ♂.
9	a Sun in Taur.	8		26	
10	b Ezechiel 1	6	Taur.	11	D Perigzon.
11	c Leo Pap.	4		26	
12	d Julian 3	3	Gem.	11	♂ ⊖ h.
13	e Justinus 4	1		26	Cold and
14	f 2 after Easter 4	39	Cane.	10	cloudy.
15	g Quind. Pasch.	57		24	
16	a Iacob 6	55	Leo	7	
17	b Term begins 7	54		20	Much rain
18	c Ipolin.	52	Virgo	2	now.
19	d Timothy 9	50		15	♂ ♂ ♀.
20	e Melpitius 10	48		27	
21	f 3 after Easter 11	46	Libr.	9	D ♀.
22	g Tres Pasch.	44		21	
23	a S. George 13	42	Scorp.	3	D Apogzon.
24	b Vibertius 14	40		14	△ ♀ ♀.
25	c S. Mark Evan.	37		26	△ ♀ ♂.
26	d Cletus 16	35	Sagit.	8	Windy and
27	e Inasius 17	33		20	turbulent.
28	f 4 after Easter 18	31	Capr.	3	
29	g Mens. Pasch.	29		15	△ h ♀.
30	a Josua 20	26		27	△ h ♂ ♀.

Each creature now enjoys the other,  
 In passing happy days and hours :  
 And one bird sings unto another,  
 In the fall of Christal flowers.

1	5	16	6	44
2	5	14	6	45
3	5	12	6	46
4	5	10	6	50
5	5	8	6	52
6	5	6	6	54
7	5	4	6	55
8	5	2	6	58
9	5	0	7	0
10	4	18	7	2
11	4	16	7	4
12	4	14	7	6
13	4	12	7	8
14	4	10	7	10
15	4	8	7	12
16	4	6	7	14
17	4	4	7	15
18	4	2	7	17
19	4	1	7	19
20	4	32	7	21
21	4	38	7	22
22	4	36	7	24
23	4	34	7	26
24	4	33	7	27
25	4	31	7	29
26	4	30	7	30
27	4	28	7	32
28	4	26	7	34
29	4	25	7	35
30	4	23	7	37

April 1689.

Cambridge Term begins the 10  
 day.

# May hath xxxi days.

Last quarter the 2 day, 27 min. past 10 beforenoon.  
 New moon the 9 day, 35 min. past 1 in the morning.  
 First quarter the 15 day, 12 min. past 11 at night.  
 Full moon the 24 day, 20 min. past 2 in the morning.  
 Last quarter the 31 day, 41 min. past 7 at night.

1	b	Phil. & James	21	24	Aquar.	10	Cold and
2	c	Athanagius	22	21		23	* ♦ ♀.
3	d	Assens. Crucis	23	19	Pisces	6	♂ ♀.
4	e	Glossian	24	17		20	moist.
5	f	Rogation Sun.	25	15	Aries	4	△ ♀ ♀.
6	g	Job. port. L.	26	12		19	* ♀ ♀.
7	h	Job. of Bru.	27	10	Taur.	4	* ♀ ♀.
8	b	Stanislaus	28	7		19	Windy and
9	c	Alcen. Dom.	29	5	Gem.	5	dry.
10	d	Sun in Gem.		2		20	■ ○ ♀.
11	e	Christian	0	39	Canc.	5	
12	f	6 after Easter	1	57		19	Very good
13	g	Term ends	2	55	Leo	3	weather
14	a	Foitina	3	52		16	now.
15	b	Sophia	4	50		29	
16	c	Peregrin	5	47	Virgo	11	
17	d	Jodocus	6	44		24	
18	e	Wenant. fast	7	42	Libr.	6	△ ♀ ♀.
19	f	Whit-sunday	8	39		18	○ ♀.
20	g	Trans. Fer.	9	36		29	■ ♀ ♀.
21	a	Julian Vng.	10	33	Scorp.	11	High winds
22	b	Ember week	11	30		23	D Apogee.
23	c	Wesster.	12	28	Sagit.	5	and cold so-
24	d	Esther	13	25		17	the season.
25	e	Urbanus	14	22		29	
26	f	Trinity Sund.	15	20	Capr.	12	○ ○ ♀.
27	g	Craf. Trin.	16	17		24	
28	a	Monica	17	14	Aquar.	7	
29	b	K. Ch. 2. Rec.	18	11		20	■ ♀ ♀.
30	c	Corpus Christi	19	8	Pisces	3	
31	d	Term begins	20	6		16	

Now in this pleasant month of May,  
 The Earth is crown'd by th' goddess Flora,  
 With divers colours rich and gay;  
 And birds do welcome in Answer.

May 1689

Sun-setting.

Sun-rising.

1	4	7	10	13	16	19	22	25	28	31
2	5	8	11	14	17	20	23	26	29	32
3	6	9	12	15	18	21	24	27	30	33
4	7	10	13	16	19	22	25	28	31	34
5	8	11	14	17	20	23	26	29	32	35
6	9	12	15	18	21	24	27	30	33	36
7	10	13	16	19	22	25	28	31	34	37
8	11	14	17	20	23	26	29	32	35	38
9	12	15	18	21	24	27	30	33	36	39
10	13	16	19	22	25	28	31	34	37	40
11	14	17	20	23	26	29	32	35	38	41
12	15	18	21	24	27	30	33	36	39	42
13	16	19	22	25	28	31	34	37	40	43
14	17	20	23	26	29	32	35	38	41	44
15	18	21	24	27	30	33	36	39	42	45
16	19	22	25	28	31	34	37	40	43	46
17	20	23	26	29	32	35	38	41	44	47
18	21	24	27	30	33	36	39	42	45	48
19	22	25	28	31	34	37	40	43	46	49
20	23	26	29	32	35	38	41	44	47	50
21	24	27	30	33	36	39	42	45	48	51
22	25	28	31	34	37	40	43	46	49	52
23	26	29	32	35	38	41	44	47	50	53
24	27	30	33	36	39	42	45	48	51	54
25	28	31	34	37	40	43	46	49	52	55
26	29	32	35	38	41	44	47	50	53	56
27	30	33	36	39	42	45	48	51	54	57
28	31	34	37	40	43	46	49	52	55	58
29	32	35	38	41	44	47	50	53	56	59
30	33	36	39	42	45	48	51	54	57	60
31	3	6	9	12	15	18	21	24	27	30

8

# June hath xxx days.

New moon the 7 day, 9 min. past 10 befornoon.

First quarter the 14 day, 42 min. past 1 after noon.

Fall moon the 22 day, 19 min. past 4 after noon.

Last quarter the 30 day, 57 min. past 1 in the morn.

1	c	Adonis	21	3	Aries	0	D	58
2	d	1 after Trin.	22	0		14	△	h 0.
3	g	Odab. Trin.	22	57		28	△	7 0.
4	a	Metocinus	23	54	Taur.	13	D	Perigee.
5	b	Boniface	24	51		28	~	8 0.
6	c	Artemis.	25	48	Gem.	13	Fire mode-	
7	d	Want Ep.	26	45		28	rate Weather	
8	z	Speserburg	27	43	Canc.	13	at the begin-	
9	f	2 after Trin.	28	40		27	ning.	
10	g	Quint. Trin.	29	37	Leo	11	△	0 h.
11	a	S. Barnabas	0	34		25	□	0 d.
12	b	Blandine	1	31	Virg.	8	Hot with	
13	c	Cyprian	2	28		20	thunder.	
14	d	Walterius	3	25	Libra	2	■	8 0.
15	e	Uetus	4	22		14	D	0.
16	f	3 after Trin.	5	19		26	△	7 0.
17	g	Tres Trin.	6	16	Scorp.	8	D	Apogee.
18	a	Gerbaulus	7	13		20	■	h 0.
19	b	Term ends	8	10	Sagit.	2	△	h 0.
20	c	Regina	9	7		14	Windy and	
21	d	Alban.	10	4		26	Wet.	
22	e	Achat. fast	11	1	Capr.	8		
23	f	4 after Trin.	11	58		21	Hot weather.	
24	g	S. John Bapt.	12	56	Aquar.	4		
25	a	Clegius	13	53		16	△	0 0.
26	b	Jeremias	14	50	Pisces	0		
27	c	7 Sleepers	15	47		13		
28	d	Leo P. fast	16	44		26		
29	e	S. Peter Apos.	17	41	Aies	10	D	0.
30	f	5 after Trin.	18	38		24		

When backward bent, Bends thy fiery fleet  
 With Gomer, Lop and the Maid dash head,  
 Th' earth cracks with heat, and th' lumber crows his ~~ce-~~  
 With gilded East as yellow as his hair be.

June 1689.

Sun-setting.

1	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		
2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		
3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	
11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	
12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	
13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	
14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	
15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	
16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	
17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	
18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	
19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	
20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	
21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	
22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	
23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	
24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	
25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	
26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	
27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	
28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	
29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	
30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	

# July hath xxxi days.

New moon the 6 day, 29 min. past 3 after noon.

First quarter the 14 day, 55 min. past 3 in the morn.

Full moon the 22 day, 59 min. past 4 in the morn.

Last quarter the 29 day, 8 min. past 6 in the morn.

1	b	Theobald	19	35	Taur.	8	
2	a	Visit. Mary	20	31		22	D Perigzon.
3	b	Cornelius	21	29	Gem.	7	Hot weather
4	c	Wirtcug	22	27		22	and rain.
5	d	Arstlm	23	24	Cane.	7	
6	f	Okt. Petr.	24	31		21	△ h ♀.
7	g	6 after Trin.	25	18	Lao	5	
8	g	Demetrios	26	15		19	
9	g	Cyrill	27	13	Virg.	3	Tempestuous
10	h	7 Matheson	28	10		16	with thun- der.
11	c	Wings	29	7		28	
12	d	Sun in Leo	0	2	4 Libra	10	■ ○ h.
13	e	Margaret	1	1		22	D ♂.
14	g	7 after Trin.	1	58	Scorp.	4	
15	g	Wothin	2	56		16	High winds
16	g	Wiliatus	3	5		28	D Perigzon.
17	b	Wlexius	4	50	S. git.	10	with storms
18	c	Waternus	5	47		22	of hail.
19	d	Dog days be-	6	45	Capr.	4	△ ♂ ♀.
20	f	Elis	7	42		17	
21	g	8 after Trin.	8	40	Aquar.	c	△ ♀ ♀.
22	g	Mary Mag.	9	37		13	Very good
23	a	Agolite B.	10	34		26	seasonable
24	h	Christin. Sar	11	32	Pisces	9	weather.
25	c	6. James Ap.	12	29		23	△ h ♀.
26	d	Unna	13	27	A. icea	7	D ♂.
27	e	Martha	14	2		21	
28	g	9 after Trin.	15	21	Taur.	5	* ♀ ♂.
29	g	Beatrice	16	19		19	D Perigzon.
30	a	Gibon	17	17	Gem.	3	○ ○ ♀.
31	b	German	18	14		17	

Though *Mars's* pride be much abated,  
 And made by the Goddess *Ceres*,  
 Who now with *Earth* comes fully frightened,  
 And grins; to whom the Sibyl-man near is.

*Sun-rising.*

1 3 538  
 2 3 548  
 3 3 558  
 4 3 568  
 5 3 578  
 6 3 588

July 1689.

The 2 day is Commencement  
 Tuesday.

*Cambridge Term ends the 5 day.*

1 3 538	7 3 538
2 3 548	8 3 548
3 3 558	9 3 558
4 3 568	10 4 567
5 3 578	11 4 577
6 3 588	12 4 587
7 3 598	13 4 597
8 4 608	14 4 607
9 4 618	15 4 617
10 4 628	16 4 627
11 4 638	17 4 632
12 4 648	18 4 647
13 4 658	19 4 657
14 4 668	20 4 667
15 4 678	21 4 677
16 4 688	22 4 687
17 4 698	23 4 697
18 4 708	24 4 707
19 4 718	25 4 717
20 4 728	26 4 727
21 4 738	27 4 737
22 4 748	28 4 747
23 4 758	29 4 757
24 4 768	30 4 767
25 4 778	31 4 777
26 4 788	27 4 787
27 4 798	28 4 797
28 4 808	29 4 807
29 4 818	30 4 817
30 4 828	31 4 827

*England.*

17

# August hath ~~xxxii~~ days.

New moon the 5 day, 22 min. past 5 in the morn.  
 First quarter the 11 day, 14 min. past 11 at night.  
 Full moon the 20 day, 18 min. past 4 after noon.  
 Last quarter the 27 day, 39 min. past 10 before noon.

1	C	Lemmas day	19	13	Canc.	1	
2	D	Stephanus	20	9		26	Stormy with
3	E	Laurent. Steph.	21	7	Leo	0	thunder.
4	F	10 after Trin.	22	5		14	
5	G	Fest. Petri	23	3		27	
6	A	Trans. Christi	23	59	Virgo	10	♂ ♀ ♂.
7	B	Coronatus	24	57		23	No very hot
8	C	Laurentius	25	55	Libra	6	now.
9	D	Thomaeus	26	53		18	♂ U.
10	E	Laurence	27	51	Scorp.	0	
11	F	11 after Trin.	28	49		12	D Apogee.
12	G	Clare Virg.	29	47		24	
13	A	Sun in Virgo	0	45	Sagit.	26	Cloudy but
14	B	Werstern	1	43		18	* ♀ h.
15	C	Afsumpt. Mary	2	41	Capr.	0	temperate as
16	D	Rochos	3	39		12	to bear.
17	E	Thomaeus	4	37		25	△ ○ ♂.
18	F	12 after Trin.	5	35	Aquari.	8	
19	G	Hebaldus	6	33		21	
20	A	Bernard	7	31	Pisces	5	
21	B	Thanasius	8	29		19	
22	C	Symphoj.	9	27	Aries	3	D ♂.
23	D	Sachetus fast	10	25		17	♂ ♀ ♂.
24	E	S. Bartholom.	11	24	Taur.	1	Windy and
25	F	13 after Trin.	12	22		25	turbulent
26	G	Ireneus	13	20	Gem.	0	D Perigee.
27	A	Dog days end	14	19		14	toward the
28	B	Augustine	15	17		28	△ ♀ ♂.
29	C	Decol. J. Bap.	16	15	Canc.	2	end.
30	D	Felix	17	14		26	△ ♂ ♀.
31	E	Uthburgus	18	13	Leo	9	

The Earth her fruit to man refighth,  
 The scithe and scickle naked make her,  
 Thus left ( her friend ) the Sun declineth,  
 And his warm rays do soon forfaine her.

August 1689.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Sun-setting.	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21
Sun-rising.	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16

September hath xxx days,

New moon the 3 day, 40 min. past 3 after noon.  
 First quarter the 11 day, 19 min. past 5 after noon.  
 Full moon the 19 day, 47 min. past 5 in the morn.  
 Last quarter the 25 day, 14 min. past 7 at night.

1	ff	14 after Trin.	19	11	Leo	23	☽	☽	♀
2	g	Seraphim	20	9	Virg.	6	Cold and		
3	a	Euphem.	21	8		19	Wet.		
4	b	Chrodeodus	22	6	Libra	2	D	♀	
5	c	Zachary	23	5		14	☽	☽	♀
6	d	Magnus	24	4		26	More rain		
7	e	Regius	25	2	Scorp.	5	may yet be		
8	ff	15 after Trin.	26	1		2	expected.		
9	g	Gozon	27	0	Sagit.	2	D Apogon.		
10	a	Bothenes	27	59		14			
11	b	Theobald	28	58		26			
12	c	Tobias	29	57	Capr.	8	☽	☽	♀
13	d	Sun in Libra	0	56		26	High winds		
14	e	Exalt. Crucis	1	54	Aquar.	3	and dry.		
15	ff	16 after Trin.	2	53		16			
16	g	Euphemus	3	52		29	Fine and		
17	a	Lambert	4	52	Pisces	13	mild now.		
18	b	Ember week	5	51		27	☽	☽	♀
19	c	Januarius	6	50	Aries	12			
20	d	Fausta	fall	7	49		27		
21	e	S. Matthew	8	48	Taur.	11	☽	☽	♀
22	ff	17 after Trin.	9	47		26	☽	☽	♀
23	g	Elisus	10	47	Gem.	10	D Perigaeos.		
24	a	Agape	11	46		25	△	☽	♀
25	b	Cicophas	12	45	Canc.	9	Boisterous		
26	c	Cyprian	13	45		22	now with		
27	d	Judith	14	44	Leo	6	rain.		
28	e	Wenceslaus	15	43		19			
29	ff	S. Michael	16	43	Virgo	2	△	☽	♀
30	g	Jerome	17	43		15			

Now set the Northern Pole for sketch :  
Makes days and nights of equal length :  
To cheer the South great had be makeh :  
That now abares Cold gathers strength.

September 1689.

Sumbridge Fair begins this day.

# October hath xxxi days.

New moon the 3 day, 56 min. past 6 in the morn.

First quarter the 11 day, at 11 before noon.

Full moon the 18 day, 40 min. after noon.

Last quarter the 25 day, 22 min. past 2 in the morn.

1 a <i>Memigus</i>	18	42	Virgo	28	♂ ♂ ♀.
2 b <i>Leibegar</i>	19	42	Libra	10	Gloomy and
3 c <i>Almipilcing</i>	20	42		22	○ h ♀.
4 d <i>Franciscus</i>	21	41	Scorp.	5	○ ○ ♀.
5 e <i>Wibig</i>	22	41		17	windy.
6 f 19 after Trin.	23	41		28	D Apogee.
7 g <i>Hoeg</i>	24	42	Sagit.	10	
8 a <i>Helegia</i>	25	40		22	Fine pleasant
9 b <i>Diogenes</i>	26	40	Capr.	4	weather.
10 c <i>Giscon</i>	27	40		16	* ♀ ♀.
11 d <i>Worchart</i>	28	40		28	
12 e <i>Wittib.</i>	29	40	Aquar.	11	♂ ○ ♂.
13 f Sun in Scorpio	30	40		24	Windy and
14 g K. Jam. 2 born	1	40	Pisces	7	□ ♀ ♀.
15 a <i>Hebwig.</i>	2	40		21	dry.
16 b <i>Gallus</i>	3	40	Aries	4	D ♂.
17 c <i>Florent.</i>	4	40		20	
18 d 5. Luke Evan.	5	40	Taur.	5	
19 e <i>Wteliomy</i>	6	41		20	
20 f 21 after Trin.	7	41	Gem.	5	D Perigee.
21 g <i>Tres Mich.</i>	8	41		20	○ ○ h.
22 a <i>Cosbula</i>	9	42	Cane	5	Cold rains
23 b Term begins	10	42		19	and tempe- stuous.
24 c <i>Halome</i>	11	42	Leo	3	
25 d <i>Cetypine</i>	12	43		16	
26 e <i>Amandus f.</i>	13	43		29	Toward the
27 f 21 after Trin.	14	43	Virgo	12	end frost.
28 g S. Sim. & Jude	15	44		25	
29 a <i>Meaf. Mich.</i>	16	44	Libra	7	
30 b <i>Abfolon</i>	17	45		19	
31 c <i>Wolfgang fa.</i>	18	45	Scorp.	1	* ♀ ♀.

Thick mists, and clouds, are now combining,  
To darken *sea's* weak oblique rays,  
Who being far from us declining,  
Cause cloudy, moist, cold, and short days.

19 17 15 13 11  
Sun-setting.  
15 15 15 15 15  
41 43 45 47 49  
Sun-rising.

October 1689.

Cambridge Term begins the 10<sup>th</sup> day, and then the *President*, *Warden*, *and Surveyor* are chosen.

November hath xxx days.

New moon the 3 day, 36 min. past 12 in the morn.

First quarter the 10 day, 36 min past 3 in the morn.

Full moon the 16 day, 40 min. past 10 at night.

Last quarter the 23 day, 23 min. past 5 at night.

1	b	All Saints	19	46	Scorp.	13	
2	c	All Souls	20	47		24	High winds
3		23 after Trin.	21	47	Sagit.	7	D Apogon.
4	g	Craft Anim.	22	48		19	□ ⊖ ♀.
5	a	Powder plot	23	49	Capr.	1	but a clear
6	b	Reunited	24	50		13	Air.
7	c	Wotlibald	25	50		25	* ♀ ♂ ♀.
8	d	Cimbicus	26	51	Aquar.	7	
9	e	Therobosc	27	52		20	♂ ♀ ♀.
10		24 after Trin	28	53	Pisces	2	△ ♀ ♀.
11	g	Martins Ep.	29	54		16	Wet weather.
12	a	Sun in Sagit.	03	54		29	D ♂.
13	b	Eugenius	1	55	Aries	13	
14	c	Frederic.	2	56		28	
15	d	Leopold	3	57	Taur.	13	Cold rain
16	e	Emmend	4	58		28	and snow.
17		25 after Trin.	5	59	Gem.	13	⊕ ♀.
18	g	Oktb. Mart.	7	0		27	D Perigzon.
19	a	Elizabeth	8	1	Canc.	14	
20	b	Wmos	9	2		18	+
21	c	Oblat. Mary	10	3	Leo	12	Windy and
22	d	Cecilia	11	4		02	boisterous.
23	e	Clemens	12	5	Vi go	82	
24		26 after Trin.	13	7		22	
25	g	Quind. Mart.	14	8	Libra	4	D ♀.
26	a	Contadus	15	9		6	⊕ h ♀.
27	b	Ugricola	16	10		18	Frosty wea-
28	c	Term ends	17	11	Scorp.	90	ther.
29	d	Saturnine f.	18	12		32	
30	e	S. Andrew	19	13	Sagit.	4	D Apogon.

Old Hyder now his gray hairs shaking,  
 Clouds Trees and Herbs with vine and snow:  
 A crystal craft o' th' waters making,  
 When he with Churchill breath doth blow.

17	35	4	25
17	37	4	23
37	39	4	21
47	41	4	19
57	43	4	17
67	45	4	15
77	47	4	13
87	49	4	11
97	51	4	9
107	52	4	8
117	54	4	6
127	55	4	5
137	57	4	3
147	59	4	0
158	0	3	59
158	2	3	58
178	2	3	57
188	3	3	56
198	4	3	55
208	5	3	54
218	6	3	53
228	7	3	52
238	8	3	51
248	9	3	50
258	10	3	49
268	11	3	48
278	12	3	47
288	13	3	47
298	13	3	47
308	14	3	46

November 1689  
 The Vice-chancellor lays down  
 his Office the 3 day.

Sun-setting.

Sun-rising.

# December hath xxxi days.

New moon the 1 day, at 8 at night.

First quarter the 9 day, 1 min. past 6 at night.

Full moon the 16 day, 3 min. past 10 before noon.

Last quarter the 23 day, 43 min. past 10 before noon.

New moon the 31 day, 3 min. past 3 after noon.

1	ff	Advent Sund.	20	14	Sagitt.	16	
2	b	Candidus	21	16		28	Cold with
3	a	Callistus	22	17	Capr.	10	snow.
4	b	Barbara	23	18		22	
5	c	Sebastac	24	19	Aquar.	4	
6	b	Nicholai	25	21		17	Cloudy dark
7	c	Stephan	26	22		20	$\Delta \odot \delta$ .
8	ff	2 lun. in Adv.	27	23	Pisces	12	weather and
9	b	Joachim	28	24		25	$\mathbb{D} \varnothing$ .
10	a	Melchizedes	29	26	Aries	9	not very cold.
11	b	Sun in Capr.	30	27		21	
12	c	Valerius	1	28	Taur.	7	
13	b	Lucia Virg.	2	30		21	
14	c	Obtuse	3	31	Gem.	6	$\mathbb{D}$ Perigzon.
15	ff	3 lun. in Adv.	4	32		22	$* \mathbb{X} \delta$ .
16	b	O Sapientia	5	34	Canc.	7	
17	a	Cratian	6	35		22	Cold frosty
18	b	umber Week	7	36	Leo	7	weather with
19	c	Lotb.	8	37		21	snow.
20	b	Ammon fast	9	39	Virgo	5	
21	c	S. Thomas	10	40		18	
22	ff	4 lun. in Adv.	11	41	Libra	0	$\mathbb{D} \mathbb{U}$ .
23	b	Eligor	12	44		13	
24	a	3. & 4. Ep. fast	13	45		25	
25	b	Christmas day	14	46	Scorp.	7	$* \mathbb{X} \mathbb{Q}$ .
26	c	S. Stephen	15	47		19	$* \mathbb{O} \mathbb{h}$ .
27	b	S. John Evan.	16	48	Sagitt.	1	$\Delta \delta \mathbb{Z}$ .
28	c	H. Innocents	17	50		13	$\mathbb{D}$ Apogzon.
29	ff	1 after Christ.	18	51		24	Very good
30	b	David	19	52	Capr.	7	weather to
31	a	Sylibester	20	54		19	the end.

The Earth hath lost her beauty, the year's old  
 The weather frosty, flabby, raw and cold  
 All lank in looth, and till cold months do end  
 Beeswax and Palms must us both befriend.

**December 1689.**

46 Sun-setting.

46 Sun-rising.

*Cambridge* Term ends the 16  
 day.

1	8	14	3	14	3	46	46	45
2	9	15	3	15	3	45		
3	10	16	3	16	3	44		
4	11	17	3	17	3	43		
5	12	18	3	17	3	43		
6	13	19	3	17	3	43		
7	14	20	3	17	3	43		
8	15	21	3	17	3	43		
9	16	22	3	16	3	44		
10	17	23	3	17	3	43		
11	18	24	3	17	3	43		
12	19	25	3	16	3	44		
13	20	26	3	16	3	44		
14	21	27	3	16	3	44		
15	22	28	3	16	3	44		
16	23	29	3	16	3	44		
17	24	30	3	16	3	44		
18	25	31	3	15	3	45		
19	26	32	3	15	3	45		
20	27	33	3	15	3	45		
21	28	34	3	15	3	46		
22	29	35	3	14	3	46		
23	30	36	3	14	3	46		
24	31	37	3	13	3	47		
25	32	38	3	12	3	48		
26	33	39	3	11	3	49		
27	34	40	3	10	3	50		
28	35	41	3	9	3	51		
29	36	42	3	8	3	52		
30	37	43	3	7	3	53		
31	38	44	3	6	3	54		

A Regal Table in a more exact manner.

The Year, Month, and Day,  
(accounting the Year to begin  
Jan. 1.) wherein every  
K. and Q. of Eng. since the  
Conq. began their reign.

The number of  
Years, Months, &  
Days, that every  
K. and Q. reigned  
to reign, as also  
since they came

E. W. Conq.	1666	Out. b.	14	22	3	11	20	12	23	23	1689.
W. Rufus	1087	Sept	9	2	7	1	19	12	6601	W. Conq.	
Henry	1100	August	13	25	7	4	21	11	4579	W. Rufus	
Stephen	1135	Decem. 2	18	21	11	18	18	18	4554	Henry	
Henry	1154	Octob. 25	16	22	7	9	21	11	4533	Stephen	
Richard	1183	July	6	9	7	9	20	9	4500	Henry	
John	1199	April	6	17	7	7	20	9	4499	Richard	
Henry	1216	Octob. 19	56	21	7	1	19	12	4473	John	
Edward	1272	Nov.	16	14	7	8	21	11	4477	Henry	
Edward	1307	July	7	19	7	7	21	11	4382	Edward	
Edward	1327	Jan.	25	50	7	5	21	7	4322	Edward	
Richard	1377	June	21	21	7	1	19	12	4312	Richard	
Henry	1399	Sept.	29	13	7	6	21	11	4270	Richard	
Henry	1413	March	20	9	7	5	21	11	4276	Henry	
Henry	1422	Aug.	31	35	7	6	21	11	4267	Henry	
Edward	1461	March	4	12	7	1	19	11	4241	Henry	
Edward	1483	April	9	0	7	1	18	11	4206	Edward	
Richard	1483	June	22	8	7	5	21	11	4206	Edward	
Henry	1495	Aug.	22	13	7	10	21	11	4194	Richard	
Henry	1509	April	22	17	7	10	21	11	4180	Henry	
Edward	1547	Jan.	28	6	7	5	21	9	4142	Henry	
Q. Mary	1553	July	6	5	7	1	18	11	4136	Edward	
Q. Elizab.	1558	Nov.	17	14	7	4	21	11	4131	Q. Mary	
James	1603	March	24	21	7	0	21	11	4086	Q. Elizab.	
Charles	1625	March	27	48	7	10	21	11	4064	James	
Charles	1649	Jan.	30	36	7	0	21	7	4040	Charles	
James	1685	Febr.	6	Long live the King.	7	1	18	11	4038	Charles	

The use of the Table in Example.

King Henry 8 began his Reign in the year of Christ 1509. April 22. He Reigned 37 years, 10 months, and 2 days. It is since he began his Reign 180 years compleat the 22 of April this year 1689. Now to know the time since the end of his Reign, before his name standing on the right hand, you shall there find 142 years since he died, Jan. 28. And so of the rest.

Decr 1689.

The latter part of this  
A L M A N A C K  
For the Year of our  
Lord God 1689:

With the usual Almanacke and Tables.

Wherein are contained the Tables  
of the Sunne, Moon, and Planets, for the Year  
1689, A. D. The second part of the Almanack  
contains the Tables of the Planets, and  
Heavens, and the Tables of the  
Eclipses, & Positions, Courses, and  
Revolution for November and December  
of the Year of Our Lord 1689. Of the  
Colleges, with other useful Tables  
Takene.

Printed with Care by  
John & Francis Sauer, over  
the Library, in the  
University, 1689.

C A M B R I D G E  
Printed by John Major, Printer to the  
University, 1689.

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11. *Chlorophytum* (two species) and both *Cladonia* species; only one of the former species, *Cladonia*,

1. *Microscopic and Histological Studies in the  
Development of the Ovary of the Opossum* (1907).

and entrance into the four Cardinal Signs  
this Year.

**Wednesday, March the 9th day, 13 minutes past 12**  
when the new session begins our Spring Quarter.

We enter on, June the 10<sup>th</sup> day, 43 minutes past 9  
at night, and then begins our Summer Quartet.

He enters the Southern Hemisphere on the 1<sup>st</sup> day, 13 minutes past 4 afternoon, and then begins our Autumn.

We expect to remain the 1st day, and return to  
the mountains and camp before our Winter Quarters.

କାନ୍ତିରେ କାନ୍ତିରେ କାନ୍ତିରେ କାନ୍ତିରେ କାନ୍ତିରେ କାନ୍ତିରେ

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A tribe of Indians, who had been driven by many Indians in most parts of the country, had come to the village of the Indians, who had driven them out, and had been received by them with great kindness, and were now living with them in great plenty, and were very happy.

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Highlander: The Fifth Column. (2011)

The 1st Column contains the names of the Moons, and the 2nd, the Sea to which the Moon belongs, with the 3rd, the name of the Moon mentioned in the *Iconi Coelestium*. And in the third Column are the hours, and minutes to be added to the time of the Moon's setting. I shall make it plain by an example.

10

The 26 of February, this year 1699. I would know what hour it will be full Sea at London-bridge. First I find the Moon's age in the former part of the Almanack (accounting it from the Change) to be 13 days and 1/2 which are I find at the bottom of the Tide-table, and which are 13 hours, the time of the Moon coming on the South; then finding in the first Column that a South-west Moon makes full Sea at London, I add to her (nothing) 3 hours as is shewed in the tide-table, and it makes 16 hours, from whence I take away for moonlight and there remains 3 hours in the morning the time of full Sea at London-Bridge; also observing that when the Moon comes to the contrary (or Northward) it puts it in there full Sea again.

---

*Arguments proving the motion of the Earth.*

According to *Ptolemy*, the whole Heaven of the fixed stars is whirled about the Earth in a day, making its motion from East to West, the Earth according to him resting in the Center of the Universe. But according to *Copernicus*, the Earth's globe turns about its own axis from West to East, performing its revolution in 24 hours. *Ptolemy* also would have the Sun to run through the Zodiac in a year, but *Copernicus* rather thinks that our Earth performs its revolution under the Ecliptick in the same space of time. *Ptolemy* also says that the Moon performs her revolution in the Zodiac in a month, and *Copernicus* would have the Orb of the Moon to be carried by the Earth, and

and her body able to perform her course in her own Circle.

Now notwithstanding these differences in the motions and descriptions of the Spheres, and very bodily, yet are these appearances much the same, whether the Sun, Earth, &c. stand still, or move or stand still. For seeing their motions, and conjunctions in each System, are contrary to one another, yet do they differ no more among themselves, than the way from Cambridge to London, and back again from the way from Cambridge to Bath, than altho' they that travel from Cambridge to London goe contrary to them that travel from Cambridge, yet is the way the same: So the Ptolemaic and Copernican Spheres are contrary to one another as to their Hypothesis, yet do they shew the same thing in the *Hecavus*, there are the same appearances.

And seeing the appearances are the same, it may be required, why *Copernicus* rejecting the Ptolemaic Systeme, should go about to devise a new one of his own: the answer will be, that *Plato*, and respect only to the bare motion of the Heavens, our *Copernicus* did not only regard the motions but also the causes of them, and so hath built his Hypotheses upon substantiall reasons, as in the sequel will appear.

The first argument which we shall alledge for the motion of the Earth shall be from the magnitude of the Spheres, taking it for granted that those Stars or Planets which are placed in lesser Spheres

Spheres) do much more quickly than those which are placed in the same altitude, and the same point, which is the same as that supposed in the last of all the Spheres, performs his revolution in a month, and with an excretion in a sphere much greater, than is that of the Sun in 80 days, for who is in the Sphere next above performs his revolution in nine months; when the Sun or the Earth, in a year, moves in two years; Jupiter in 12 years; Saturn (which is in the greatest Sphere) performs his revolution in 30 years; but the Sphere of the Fixed Stars being almost infinitely higher than the Sphere of the Sun, and so consequently so much greater, either must move not at all, or else slower; of all solution it seems very absurd, to attribute the swiftest motion to this Sphere, supposing it to complete its revolution in a day or 24 hours; and this will hold no speech if you consider that the distance of the Sun from the Earth, or the Earth from the Sun, is about 150 semidiameters of the Earth, but the distance of the Sphere of the Fixed Stars from the Sun is about 37 of the same semidiameters, 1800 of which is usually reckoned to be 8395 German miles; so that the semidiameter of the Fixed Stars will then be 8830729417 German miles, and the circumference 55628464617 of the same miles, which divided by 24, gives 23178529692 German miles for the Space which the Sphere of the Fixed Stars runs in an hour, and in a minute 38630878 of the same miles; and in a moment or the 60<sup>th</sup> part of a minute, almost 643848 of the same miles,

the, which will be of great  
value to the Church. The  
present is the first of a  
series of lectures to be delivered  
in the course of the year  
in the hall of the  
University, and it will be  
followed by others, which is as  
far as we will go. The  
lectures will be delivered  
in the month of April, and consist  
of a series of lectures on  
the history of the Church  
in the motion of Scotland, the  
Catholics, the  
Protestants, &c. &c.

of whose space is supposed to be 24,000 miles, which divided by 24 gives the same miles for the motion of  $S_1$ , and the division continued by 60, you will see that 930 German miles in a minute, the proportion of a minute to the period of the space it moves being so unequal as to move in a second, and to be moving in a minute, we will move so slowly; therefore we will have to wait for the motion.

the different motions of the Sphere of the Fixed Stars, and to the motion of Satellites, or to any other of the Spheres, but it is the Earth about its own axis, which moves; but it is not part of a German smile in a moment as was said before, and therefore the motion of the Earth is most agreeable to reason.

3) The Second Argument for the Earth's motion is that to furnish the motion of the Earth above its own orbit, the Sun must move, and the same Sphere will

motion East and West at the same time, for impelling the diurnal conversion of the Earth about its own axis, the contrary will be taken away. And according unto the opinion of the Hebrews, the Earth seemeth to do so. Yet is not diurnal motion not to be attributed either to the Fixed Stars or unto Planets, but to the Earth: for that morning Edward doth cause us to think that the whole Sunne, or the Planets, and Sphere of the Fixed Stars do move Westward, wherein indeed every Sphere has but one motion really, and that is from West to East, the other motion from East to West is only so in appearance, caused by the diurnal motion of the Earth from West to East: like as those who are sailing from West to East, those things which are without the Ship upon land, or upon the Sea do seem to go the contrary way, altho peradvice they may not move at all, or else the same way. There be several other arguments, but I have not here room to produce them. As for the ponderosity of the Globe of the Earth, which is brought as an objection against its motion, that doth rather prove the motion thereof, for things that are ponderous will not rest in the Air without motion.

of Wind and Nature.

1

Third Measure.

classmate

Yard  
+ Quarters  
+ Quarters  
= Quarters

## The value of Foreign Coins in English money.

5 Stivers are equal to 5 pence Sterling, 6 Stivers are a Flemish Shilling, 20 Stivers or Soldi Turnous make a Guilder, and 120 Stivers make a Livre or pound Flemish, which is reckoned equal to 12 Shillings Sterling. The Ducatoons are equal to 10 Dutch Shillings or 60 Stivers. Piattoons are equal to 48 Stivers or 8 Dutch Shillings, 8 Dials make a Stiver. The weight called a Quinsal is 164 pound, in some places 108.

A high and wide Table having the same height as the bed, and a chair or stool to sit upon.

Find the Principal in the first Column. You have the Interest column for any sum, or any time, of your own.

Tables of Reversion for Renewing a Lease of  
20 years, according to any number of years  
within that time Expedit. at 12*lb.* p.c.  
at 11*lb.* 1*lb.* 8*d.* and at 6*lb.* per cent.

Years to be renewed	12 <i>lb.</i> 6 <i>p.c.</i>			11 <i>lb.</i> 1 <i>lb.</i> 8 <i>d.</i>			6 <i>lb.</i> p.c.		
	Year	Quint.	Month.	Year	Quint.	Month.	Year	Quint.	Month.
1	0	0	1	0	0	1	1	0	3
2	0	0	2	2	0	2	3	0	3
3	0	1	1	0	0	1	2	0	3
4	0	1	2	3	0	2	1	2	2
5	0	2	1	2	0	2	3	0	0
6	0	3	0	2	0	3	2	0	2
7	1	0	0	0	1	1	2	2	2
8	1	0	2	3	1	1	1	0	0
9	1	1	2	3	1	2	1	1	0
10	1	3	0	0	1	3	2	0	1
11	2	0	1	0	2	1	0	0	0
12	2	1	2	0	2	2	1	2	1
13	2	3	0	2	3	0	0	3	3
14	2	1	0	0	3	2	0	2	3
15	3	3	0	0	4	0	0	1	0
16	4	1	0	3	4	2	1	1	0
17	4	3	2	0	5	1	0	0	2
18	5	2	1	3	5	3	2	2	4
19	6	1	2	0	6	3	0	1	0
20	7	1	0	3	7	2	2	0	3

The Figure for Renewing.

The first part of this Table is calculated at 12*lb.* 6*p.c.* so that the time for renewing 7 years Lapsed is just 1 years value. The second part is calculated at 11*lb.* 1*lb.* 8*d.* per cent. (which is the rate that is observed in a Lease of 21 years, when 1 years

## Tables of Reference for Section 1, Article 10, and according to any statute of limitations in the case. Lapsed at 17 years.

value is to be given for 7 years from our ) so that the  
fine for renewing 7 years Lapsed according to this rate  
of interest, is 1 year, 1 month, and 2 weeks value.  
The third part of the Table being calculated at 6 lb.  
per cent. the fine for renewing 7 years Lapsed is 2 years,  
2 quarters, 1 month, and 2 weeks value, and to ascertain  
the sum of interest due at such time, the fines both for Renew-  
ing and Purchasing interest.

In a Lease for 10 years, they usually give 1 year's value for 4 years Lapsed, and then the Tenant has 17 lb. 5 sh. per cent. profit for his money, as the Table shows; but if he gives 1 year; 3 quarters, or months, 2 weeks' value to renew the ~~lease~~, he must bear 30 lb. per cent. &c. So the value of a Lease for 10 years at 19 lb. 5 sh. per cent. is 4 years 3 quarters, or months, and Tenant's purchase; but 300 lb. per

1000			1000		
10	10	10	10	10	10
1	1	1	1	1	1
2	2	2	2	2	2
3	3	3	3	3	3
4	4	4	4	4	4
5	5	5	5	5	5
6	6	6	6	6	6
7	7	7	7	7	7
8	8	8	8	8	8
9	9	9	9	9	9
10	10	10	10	10	10
11	11	11	11	11	11
12	12	12	12	12	12
13	13	13	13	13	13
14	14	14	14	14	14
15	15	15	15	15	15
16	16	16	16	16	16
17	17	17	17	17	17
18	18	18	18	18	18
19	19	19	19	19	19
20	20	20	20	20	20
21	21	21	21	21	21
22	22	22	22	22	22
23	23	23	23	23	23
24	24	24	24	24	24
25	25	25	25	25	25
26	26	26	26	26	26
27	27	27	27	27	27
28	28	28	28	28	28
29	29	29	29	29	29
30	30	30	30	30	30

It is worth the  
trouble and  
trouble to be  
about.

1970-71

ving a value of 2000  
7 years later, which  
obtained by De  
Deans, and

Heads & Fellows of  
Colleges in lessing their  
titles, and in leaving  
such

They allow their Tenants  
a novel fib for evens, pro-  
tecting their money; so  
they may be safe from them.

the Table shows that 3 years & 2 quarters of a hundred Value is to be

The use of the Table of  
conversion of 1b. is thus  
to oppose an Estate, &c.

mortgaged for 20 years  
whose real value or for  
ld. then what is the

self worth after 20  
I took against 20  
that the Reversion of  
self worth after 20

—then I say it is b. give  
will tool b. give? An-  
which is the worth of  
I required at 6 for 1771.



Decr 1689.

Worcester	Hereford	8	75
Oxford	Oxford	13	24
Gloucester	Gloucester	21	100
Salisbury	Wiltshire	13	28
Devon	Devon	10	41
Bristol	Gloucester	19	48
	Pembroke	10	145
	Gwentshire	0	37
	Cardigan	0	64
	Brecknock	0	61
	Ruthin	0	3
	Glamorgan part.	0	118
	Monmouth	0	127
	Monksw.	0	6
	Denbigh	0	47
	Flint	0	25
	etc	0	2
	Wrexham	0	37
	Carmarthen	0	68
	Anglesey	0	74
Bangor			

The Province of YORK.

York Arch-Bis.	Nottingham	0	168	6
	York part.	1	563	29
	Chester	1	68	4
	Lancaster	0	61	14
Chester	Flint part.	0		
	Denbigh part.	0		
	Cumberland part.	1	58	6
Carlisle	Westmorland	0	26	4
	Durham	1	118	4
Durham	Northumberl.	0	46	8

FINIS.